



Product Specification

Product Name: L-Carnosine
Cat #: C-110
CAS #: 305-84-0
Storage: Store at 4°C.

Test	Specifications
Color	white to off-white
Form	crystalline powder
Color of Solution (2% in water)	colorless
Turbidity (1% in water)	max. 4.0 NTU
Water Content (K. Fischer)	max. 1.0%
Decomposition Point	247 to 253°C
Specific Optical Rotation $[\alpha]_D$ (c = 2 in water, 20°C)	20.0 to 22.0
Perchloric Acid Titration (0.1 mol/L)	98.0 to 102.0%
Purity (HPLC)	min. 98.0 area-%
Heavy Metals as Pb (color reaction with thioacetamide)	max. 10 mg/kg
FT-IR Spectrum	corresponds to reference spectrum

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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